| Ind | lex of | Claims |  |
|-----|--------|--------|--|
|     |        |        |  |

| Application/Control No. | Applicant(s)/Patent und Reexamination |
|-------------------------|---------------------------------------|
| 10/685,804              | KUSTOSCH ET AL.                       |

10/685,80 Examiner

Art Unit

Gary Chin

3661

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| ı | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla          | aim      | Date   |  |                |          |              |              | Claim Date |          |                |     |       |          |          | Claim Date |          |          |            |                |          |          |           |     |       | $\neg$     |          |          |                    |          |        |          |                 |          |          |
|--------------|----------|--|--|----------------|----------|--------------|--------------|------------|----------|----------------|-----|-------|----------|----------|------------|----------|----------|------------|----------------|----------|----------|-----------|-----|-------|------------|----------|----------|--------------------|----------|--------|----------|-----------------|----------|----------|
| <b>⊢</b> "   | I        | t  | Г  | П              | т-       |              | Ť            | Ī          |          | Н              |     |       |          |          |            | I        | أ        | Ä          |                |          |          | $\dashv$  | 1   |       |            | Т        | Т        |                    | ٦        |        |          |                 |          | $\neg$   |
| <u>ia</u>    | Original | 3/14/06  |  |                |          |              |              |            |          |                |     | al    | Original |          |            |          |          |            |                |          |          |           |     | lal   | Original   |          |          |                    |          |        |          |                 |          |          |
| Final        | jë       | 3/14   | 1  |                |          |              |              |            |          |                |     | Final | jë.      |          |            | l        |          |            |                |          |          |           | •   | Final | ٦ńg        |          |          |                    |          |        |          |                 |          |          |
| ŀ            | 0        | "  |  |                |          |              |              |            |          |                |     |       | ٥        |          |            |          |          |            |                |          |          |           | . [ |       | 0          |          |          | 1                  |          |        |          |                 |          |          |
|              | 1        | V  |  |                |          |              |              |            |          |                | ٠   |       | 51       |          |            |          |          |            |                |          |          |           | . [ |       | 101        |          |          |                    |          |        |          |                 |          |          |
|              | 2        | V,   |  |                |          |              |              |            |          |                |     |       | 52       |          |            |          |          |            |                |          |          |           | - [ |       | 102        |          |          |                    |          |        |          |                 |          |          |
|              | 3_       | V  |  |                |          |              |              | _          |          |                |     |       | 53       |          |            |          |          |            |                |          |          |           | - ( |       | 103        |          |          |                    |          |        |          |                 |          |          |
|              | 4        |  | _  | _              | <u> </u> | _            | _            | <u> </u>   | <u>_</u> |                |     |       | 54       |          |            |          |          |            |                |          |          | _         | ļ   |       | 104        |          | $\dashv$ | _                  | _        |        |          |                 |          |          |
|              | 5        | V,   |  |                |          | $oxed{oxed}$ |              | _          |          | Ш              |     |       | 55       |          |            | _        |          | Щ          |                |          |          | _         | ļ   |       | 105        | _        | _        | _                  |          |        |          |                 |          |          |
|              | 6        | V  | <u>L</u>   | <u> </u>       | ļ        | <u> </u>     | ļ            | L_         |          | Щ              |     |       | 56       |          |            |          |          |            | _              | _        |          | _         | - [ |       | 106        | _        | 4        | _                  | _        |        |          |                 |          | $\Box$   |
|              | 7        | V  | ├  | <u> </u>       | ↓_       | ┡            | _            | <u> </u>   | _        |                |     |       | 57       | _        |            | _        | $\vdash$ |            |                |          | -        | -         |     |       | 107        | $\dashv$ | $\dashv$ | 4                  | _        |        | -        |                 |          | $\dashv$ |
|              | 8        | V  | <u> </u>   | ├              | ļ        | ├-           | -            | <u> </u>   |          | Н              |     |       | 58       |          | _          | ┝        | _        |            |                |          | -        |           |     |       | 108        | _        | _        | 4                  |          |        |          | $\dashv$        | _        | _        |
| <u> </u>     | 9        | ¥  | <u> </u>   | ├-             | ⊢        | ├-           | <u> </u>     | <u> </u>   | <u> </u> | Н              | 00. |       | 59       | Н        |            | <u> </u> |          | $\vdash$   | $\dashv$       | $\dashv$ | $\dashv$ | _         | 1   |       | 109        |          | $\dashv$ | 4                  |          |        |          | -               |          | $\dashv$ |
| <u> </u>     | 10       | <u> </u>   |  | ⊢              | $\vdash$ | ⊢            | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$       |     |       | 60       | H        |            | -        | H        | -          | $\dashv$       | -        | $\dashv$ | -         | - } |       | 110        | $\dashv$ | $\dashv$ |                    |          |        |          |                 | _        |          |
| -            | 11       | _  |  | ┢              | -        | ┢            | _            | -          | H        | $\vdash$       | Ė   |       | 61<br>62 |          |            |          |          | -          | -              | -        | $\dashv$ |           | ŀ   |       | 111        | -        | +        | -                  | -        | _      | -        | $\dashv$        |          |          |
|              | 13       | $\vdash$   |  | $\vdash$       | -        | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash\vdash$ |     |       | 63       | H        |            | $\vdash$ | $\vdash$ | $\vdash$   | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$  |     |       | 113        | $\dashv$ |          | $\dashv$           |          |        | -        | -               |          | $\dashv$ |
| <u> </u>     | 14       | $\vdash$   |  | $\vdash$       | $\vdash$ | $\vdash$     | ┢            | $\vdash$   | $\vdash$ | $\dashv$       |     |       | 64       | $\vdash$ | -          | $\vdash$ | -        | $\vdash$   | $\dashv$       | $\dashv$ | $\dashv$ | -         | }   |       | 114        | -        | $\dashv$ | $\dashv$           | $\dashv$ |        |          |                 | -        | -        |
| $\vdash$     | 15       | $\vdash$   |  | $\vdash$       | $\vdash$ | H            | $\vdash$     | $\vdash$   | $\vdash$ | Н              |     |       | 65       | H        | -          |          | $\vdash$ | $\vdash$   | $\dashv$       | -        | $\dashv$ | $\dashv$  | 1   |       | 115        | ᅱ        | $\dashv$ | $\dashv$           | -        | _      | -        | $\vdash$        | $\dashv$ | $\dashv$ |
| <u> </u>     | 16       | Н  |  |                |          | ┢            | $\vdash$     | Н          | $\vdash$ | $\vdash$       |     |       | 66       | H        | H          | Н        |          |            | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$  | - 1 |       | 116        | $\dashv$ | $\dashv$ | $\dashv$           | -        | _      |          |                 | $\dashv$ | $\dashv$ |
|              | 17       | -  | -  | 1              | 一        | †            | ┢            | 1          | $\vdash$ | Н              |     |       | 67       | Н        | _          | -        | -        |            |                | $\neg$   | _        | _         | 1   |       | 117        | -1       | $\dashv$ | $\neg$             |          |        | _        |                 |          | _        |
| -            | 18       |  |  | 1              | Н        | t-           | H            |            |          |                |     |       | 68       |          |            | _        |          |            |                | _        | $\dashv$ | ┪         | Ì   |       | 118        |          | $\top$   | 7                  |          |        |          |                 |          |          |
|              | 19       |  |  |                | Т        | $\vdash$     | T            |            |          | П              |     |       | 69       | П        |            |          |          |            |                |          | $\neg$   | $\neg$    | ·Ì  |       | 119        | $\neg$   | $\top$   |                    |          |        |          |                 |          |          |
|              | 20       | <u> </u>   | -  | Г              | $\vdash$ | Г            | Τ            |            |          |                |     |       | 70       |          |            |          | $\Box$   |            |                |          | 7        |           | 1   |       | 120        |          | $\neg$   | T                  |          |        |          | $\neg \uparrow$ |          | $\neg$   |
|              | 21       | Г  |  |                | Г        | Г            |              |            |          |                |     |       | 71       |          |            |          |          |            |                | $\neg$   |          | $\neg$    | - 1 |       | 121        |          | $\neg$   | $\neg$             |          |        |          |                 |          | $\neg$   |
|              | 22       |  |  |                |          |              |              |            |          |                | ,   |       | 72       |          |            |          |          |            |                |          |          |           |     |       | 122        |          |          |                    |          |        |          |                 |          |          |
|              | 23       |  |  |                |          |              |              |            |          |                |     |       | 73       |          |            |          |          |            |                |          |          |           |     |       | 123        |          |          |                    |          |        |          |                 |          |          |
|              | 24       |  |  |                |          |              | _            |            |          |                |     |       | 74       |          |            |          |          |            |                |          |          |           | [   |       | 124        |          |          |                    |          |        |          |                 |          |          |
|              | 25       |  |  |                |          |              | _            |            |          |                |     |       | 75       | Ш        |            |          | Ш        |            |                |          |          | _         |     |       | 125        |          | $\perp$  |                    |          |        | _        |                 |          |          |
| <u> </u>     | 26       |  |  | <u> </u>       | <u> </u> | _            | _            | L          |          |                |     |       | 76       |          |            |          |          |            |                | _        |          | _         | L   |       | 126        | _        | _        | _                  | _        |        | _        |                 |          |          |
|              | 27       |  |  | <u> </u>       | 匚        |              | <u> </u>     |            | Ш        |                |     |       | 77       |          |            |          | L.,      |            |                |          |          | _         |     |       | 127        |          | _        | 4                  | _        |        | _        |                 |          |          |
| <u> </u>     | 28       |  |  |                | <u> </u> | _            | _            | _          |          |                |     |       | 78       |          |            |          |          |            |                | _        | $\perp$  | ᅴ         | - 1 |       | 128        | _        | 4        | 4                  | _        |        | _        | $\Box$          | _        | _        |
|              | 29       |  |  | <u> </u>       | <u> </u> |              | <u> </u>     | L          |          | Ш              |     |       | 79       |          |            | _        | Щ        |            |                | _        | $\dashv$ | _         | -   |       | 129        | _        | 4        | 4                  | _        |        | _        |                 |          | _        |
|              | 30       | _  |  |                | ⊢        | _            | _            | L          |          | -              |     |       | 80       |          | _          |          | Н        |            | _              |          | $\dashv$ | _         | -   |       | 130        | _        | 4        | -                  | _        | _      | -        |                 | _        | _        |
|              | 31       |  | -  | <del> </del> - | ⊢        | <u> </u>     | ⊢            | -          | $\vdash$ | $\dashv$       |     |       | 81       | H        |            |          | -        | -          |                | $\dashv$ |          | -         | - } |       | 131        |          | -+       | -                  | -        | _      | _        | $\dashv$        | _        |          |
| <u> </u>     | 32<br>33 | <del> </del>                                     | <del>                                     </del> | ⊢              |          | -            | <del> </del> | -          | $\vdash$ |                |     |       | 82<br>83 | $\vdash$ | $\vdash$   | H        | Н        | -          | -              |          |          | $\dashv$  | -   |       | 132        | -        | +        | -                  |          | _      | -        |                 | -        |          |
| <u> </u>     | 34       | $\vdash$   | -  | -              | -        | $\vdash$     | $\vdash$     | -          | Н        | $\dashv$       |     |       | 84       | Н        | $\vdash$   | H        | Н        |            | $\dashv$       |          | $\dashv$ | $\dashv$  | }   |       | 133<br>134 | $\dashv$ | +        | $\dashv$           | $\dashv$ |        | $\dashv$ |                 |          | $\dashv$ |
| -            | 35       | $\vdash$   |  | $\vdash$       | ├        | $\vdash$     | $\vdash$     |            |          | $\dashv$       |     |       | 85       | Н        | $\dashv$   | $\vdash$ | $\vdash$ | $\dashv$   | $\dashv$       | -        | +        | $\dashv$  | -   |       | 135        | $\dashv$ | $\dashv$ | $\dashv$           | -        | -      | $\dashv$ |                 | $\dashv$ | $\dashv$ |
|              | 36       | -  | $\vdash$   | $\vdash$       | $\vdash$ | $\vdash$     | -            | $\vdash$   | $\vdash$ | $\dashv$       |     |       | 86       | $\vdash$ | -          |          | Н        | $\dashv$   | $\dashv$       |          | $\dashv$ | $\dashv$  | 1   |       | 136        | $\dashv$ | $\dashv$ | $\dashv$           | $\dashv$ |        | -        | -               | -        | $\dashv$ |
| <del> </del> | 37       | $\vdash$   | -  | $\vdash$       | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$   | H        | $\dashv$       |     |       | 87       | Н        |            | $\vdash$ | Н        | $\dashv$   |                |          | $\dashv$ | $\dashv$  | .}  |       | 137        | ㅡ        | $\dashv$ | +                  | $\dashv$ |        | $\dashv$ | $\dashv$        | -        | $\dashv$ |
| <u> </u>     | 38       | $\vdash$   |  | $\vdash$       | $\vdash$ |              | -            | -          | Н        | $\dashv$       |     |       | 88       | $\vdash$ |            | $\vdash$ | Н        | $\dashv$   |                | $\dashv$ | -+       | $\dashv$  | ł   |       | 138        | ᅱ        | 十        | $\dashv$           |          | -      | $\dashv$ | $\dashv$        | -        | $\dashv$ |
| -            | 39       | $\vdash$   | $\vdash$   |                |          | H            |              | $\vdash$   | $\vdash$ | $\dashv$       | ŀ   | _     | 89       | $\vdash$ | $\neg$     |          | Н        |            | $\dashv$       |          | $\dashv$ | $\dashv$  | ŀ   |       | 139        | $\dashv$ | 十        | +                  | $\dashv$ |        | $\dashv$ | $\dashv$        | -        | $\dashv$ |
| _            | 40       |  |  |                | Н        | П            |              |            |          | $\vdash$       |     |       | 90       | Н        | $\dashv$   |          | Н        |            | $\neg \dagger$ | 一        | $\dashv$ | $\dashv$  | ł   |       | 140        | $\dashv$ | $\dashv$ | $\dashv$           |          | $\neg$ | $\dashv$ | $\neg$          |          | $\dashv$ |
|              | 41       | <del>                                     </del> |  |                |          |              |              | П          |          | $\dashv$       | -   |       | 91       | П        | $\neg$     |          | П        |            | _              |          |          | $\exists$ | ı   |       | 141        | $\neg$   | $\dashv$ | 7                  | $\neg$   | $\neg$ |          |                 | _        |          |
|              | 42       | _  |  |                | T        |              |              |            |          | $\Box$         | ľ   |       | 92       |          |            |          |          |            |                | $\neg$   |          | $\neg$    | İ   |       | 142        |          | $\dashv$ | 7                  | $\neg$   | $\neg$ |          |                 | $\neg$   | $\neg$   |
|              | 43       |  |  |                |          |              |              |            |          |                |     |       | 93       |          |            |          |          |            |                |          |          | $\neg$    | ľ   |       | 143        |          |          |                    |          | $\neg$ |          |                 |          | $\Box$   |
|              | 44       |  |  |                |          |              |              |            |          |                | Ì   |       | 94       |          |            |          |          |            |                |          |          |           | Ī   |       | 144        |          |          |                    |          |        |          |                 |          |          |
|              | 45       |  |  |                |          |              |              |            |          |                | ĺ   |       | 95       |          |            |          |          |            |                |          |          |           | Ī   |       | 145        |          |          | J                  |          |        | 1        | J               |          |          |
|              | 46       |  |  |                |          |              |              |            |          |                | [   |       | 96       |          |            |          |          |            | $\Box$         |          |          |           |     |       | 146        | $\Box$   |          |                    |          |        |          | $\Box$          |          |          |
|              | 47       |  |  | L              | 匚        |              |              | $\Box$     |          |                |     |       | 97       |          |            |          |          |            |                |          | $\Box$   | _]        | [   |       | 147        |          | I        | $\Box$             |          |        | $\Box$   | $\Box$          |          |          |
| <u> </u>     | 48       | L  | Ш  | L              |          |              |              | Ш          |          |                |     |       | 98       |          |            |          |          | $\Box$     | $\Box$         | _[       | $\bot$   | _]        |     |       | 148        | $\Box$   | $\perp$  | $oldsymbol{\perp}$ |          |        |          |                 |          |          |
| L            | 49       | _  | L  | <u> </u>       | <u> </u> | Ш            | <u> </u>     | Щ          |          | $\Box$         | ļ   |       | 99       | Ш        | _          |          | Ш        | $\perp$    | _              | _        | $\perp$  | Ц         |     |       | 149        | $\Box$   | _        | ightharpoonup      |          |        |          |                 | _        |          |
|              | 50       | ١  |  |                |          |              |              | 1          |          |                |     |       | 100      | ⊢ I      | I          |          |          | □ <b>I</b> | ĺ              |          | Γ        |           |     | I     | 150        | Π        | T        | ſ                  |          | Ī      | I        | - 1             | I        |          |